

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Jean-Gabriel M. Remy

Appln. No.:

Filed : HEREWITH

For : PROCESS AND DEVICE FOR
CALCULATING THE POSITION OF A
MOBILE STATION, CORRESPONDING
COMPUTER PROGRAM AND MEMORY
MEDIUM

Docket No.: S98.12-0001

Group Art Unit:
Examiner:

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231
Sir:

EXPRESS MAIL NO: EL844349454US
DATE OF DEPOSIT: September 28, 2001

Prior to the calculation of fees, please amend the
above-identified application as follows:

IN THE CLAIMS

Please cancel claim 11 and amend claims 1-6, 8, 10 and 12
as follows:

1. (Amended) Process for calculating the position of a mobile
station (MS) belonging to a cellular radiocommunication system,
starting from an identifier of a current geographic cell in which
the said mobile station is located,
characterized in that it includes the following steps:

- calculate a modeled geographic representation (5) of
the current cell;
- calculate the barycentre (6) of the said modeled
geographic representation of the current cell;
- calculate an uncertainty area (7), with a predetermined
geometric shape, centered on the said barycentre and the area of
which is approximately equal to the area of the said modeled
geographic representation of the current cell;